查询TPAM05D-033064供应商

PCB-MOUNT UNIVERSAL INPUT AC-DC POWER SUPPLIES ENCAPSULATED MODULES 5-WATTS SINGLE & DUAL OUTPUT TPAM05S & TPAM05D SERIES

FEATURES:

- **ON-BOARD AC/DC MODULAR POWER SUPPLIES.**
- **WIDE INPUT VOLTAGE FOR THE WORLD WIDE USE.**
- **COMPACT IN SIZE.**
- **DESIGNED TO MEET UNIVERSAL SAFETY STANDARDS.**
- **EMI MEET CISPR PUB.22 / FCC CLASS B.**
- **CE MARKING COMPLIANCE.**

SPECIFICATION

INPUT SPECIFICATION

Input Voltage: Typ. 90-264Vac. (Or 110-340Vdc).
Input Frequency: 47-63 Hz. or DC.
Input Current: 0.15A @115Vac./0.07A @230Vac.
Inrush Current: 32.5A peak @ 230Vac.
Input Fuse: Use external fuse. 1.0A/250Vac for the primary fuse is suggested.
Dielectric Withstand: Meet IEC950
3,000Vac-Output/Input.
1,500Vac-Input/GND.
500Vac-Output/GND.
EMI: Meet CISPR PUB.22 / FCC Class B.
Hold-up time: 20 mS @115Vac, 80mS @230Vac.
Earth Leakage: Less than 3.5mA @230Vac.

OUTPUT SPECIFICATION

Output Voltage: See Ratings Chart.
Output Current: See Ratings Chart
Output Wattage: Typ. 5Watts.
Output Indicator: LED
Line Regulation: 05S ±0.1% typ.
05D ±0.5% typ.
Load Regulation: 05S ±1.0% typ.
05D ±2.0% typ.
Noise & ripple: Typ. 1.0% peak to peak.
OVP: Built-in on main output.
Adjustability: From -10% of main output till OVP.
Short Circuit Protection: Power fold back, self-recovering.
Overload Protection: About 130% of overrange foldback type.

GENERAL SPECIFICATION

Efficiency: Typ.65% - 67%.
Switching Frequency: 75K Hz.
Circuit Topology: Fixed Frequency Flyback circuit.
Transient Response: Output voltage returns in less than 3mS following a 50% load change.
Case: Impact resistant thermo-plastic enclosure.
Weight: 107.0g (3.77 Oz).
Power Density: 1.61 Watts./ Cubic inch.
Safety Standard: EN60950/ UL1950 Class I.

Operating Temperature: -25 to +71°C range.
-10°C to +50°C without derating. Derating linearly 2.5%/°C from +50°C @F-L to +71°C @ H-L. (Refer to Derating Chart.)
Storage Temperature: -40°C to +85°C.
Temperature Coefficient: 0.02% /°C.
Humidity: Up to 95%RH, Non-condensing.
Cooling: Convection cooling for +50°C @ full load. At least 100LFM moving air is recommended for full load > +50°C in a confined area.
Commercial Grade only.

Note: (1) All measurements are at nominal input, full load, and +25°C unless otherwise specified.
(2) Load Regulation measured from Full-Load(F-L) to Half-Load (H-L) at nominal input and others loaded at half load.

MODEL NO DESCRIPTION TPAM 05 S / D - XXX YYY

Remark: Please specify the V/A ratings and consult for Model No

- YYY: Output Current
- XXX: Output Voltage
- S / D: S: Single/ D: Dual
- 05: Output Wattage
- TPAM: Series Name

OUTPUT VOLTAGE/ CURRENT RATINGS CHART

SINGLE OUTPUT

MODEL NO.	VO1 @ ★		
	TYP.	VOLT.	PEAK
TPAM05S-033130	1.30A	**3.3V**	1.56A
TPAM05S-050100	1.00A	**5.0V**	1.20A
TPAM05S-090060	0.60A	**9.0V**	0.72A
TPAM05S-120045	0.45A	**12.0V**	0.54A
TPAM05S-150036	0.36A	**15.0V**	0.43A
TPAM05S-180030	0.30A	**18.0V**	0.36A
TPAM05S-240022	0.22A	**24.0V**	0.26A

DUAL OUTPUT

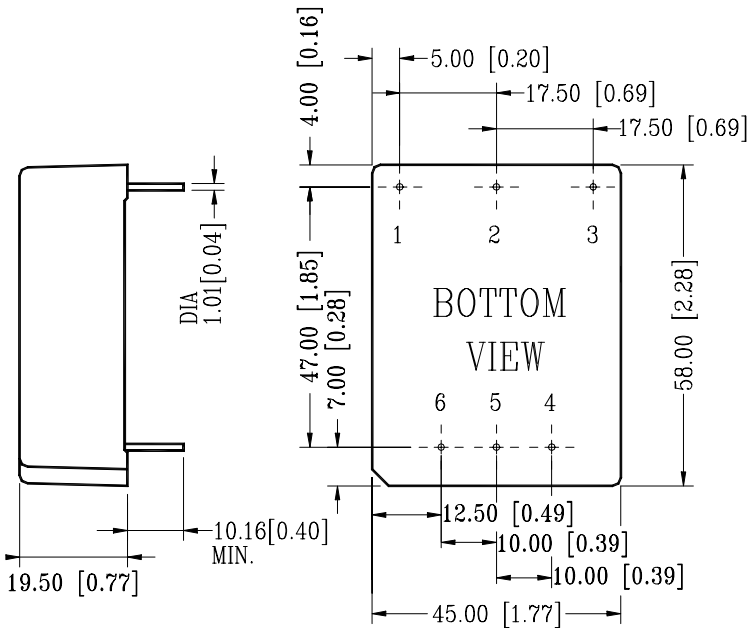
MODEL NO.	+VO1 @ ★			-VO2 ¶		
	TYP.	VOLT.	MAX.	TYP.	VOLT.	MAX.
TPAM05D-033064	0.64A	**+3.3V**	0.73A	0.64A	**-3.3V**	0.73A
TPAM05D-050050	0.50A	**+5.0V**	0.57A	0.50A	**-5.0V**	0.57A
TPAM05D-090030	0.30A	**+9.0V**	0.34A	0.30A	**-9.0V**	0.34A
TPAM05D-120022	0.22A	**+12.0V**	0.26A	0.22A	**-12.0V**	0.26A
TPAM05D-150018	0.18A	**+15.0V**	0.20A	0.18A	**-15.0V**	0.20A

Symbols: "★" OVP built-in. "@" Adjustable. "¶" Double Feedback.

Note: (1). Max. (maximum load) is the continuous operating load of each rail, But the max. load of each rail can not be drawn from all outputs at the same time.
(2). Peak output, less than 60 Sec. with duty cycle <10%.

MECHANICAL DIMENSIONS: MM [INCHES]

Weight: 107.0g (3.77 Oz.)



CASE SIZE: AM01

PIN ASSIGNMENT

PIN NO.	SINGLE	DUAL
PIN #1.	AC-GROUND	AC-GROUND
PIN #2.	AC-NEUTRAL	AC-NEUTRAL
PIN #3.	AC-LINE	AC-LINE
PIN #4.	+ VO1	+ VO1
PIN #5.	NC	DC-COM
PIN #6.	DC-COM	-VO2

DERATING CHART